



PATENTS  
UV/072

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Applicants : Franklin E. Boyer et al. Technology Center 2600  
Application No. : 09/330,793 Confirmation No. 9836  
Filed : June 11, 1999  
For : TELEVISION SYSTEM WITH AIDED USER PROGRAM SEARCHING  
Group Art Unit : 2611  
Examiner : Robert T. Pham

Commissioner for Patents  
P.O. Box 2327  
Arlington, VA 22202

SUBMISSION OF FORMAL DRAWINGS

Sir:

Please substitute the enclosed formal drawings for the informal drawings originally filed with this application.

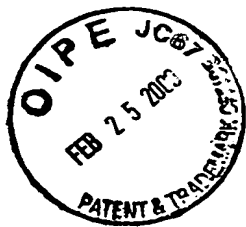
Respectfully submitted,

Alexander Shvarts  
Reg. No. 47,943  
Agent for Applicants  
FISH & NEAVE  
Customer No. 1473  
1251 Avenue of the Americas  
New York, New York 10020  
Tel.: (212) 596-9000

Express Mail No  
EV242441171US



**FIG. 1**



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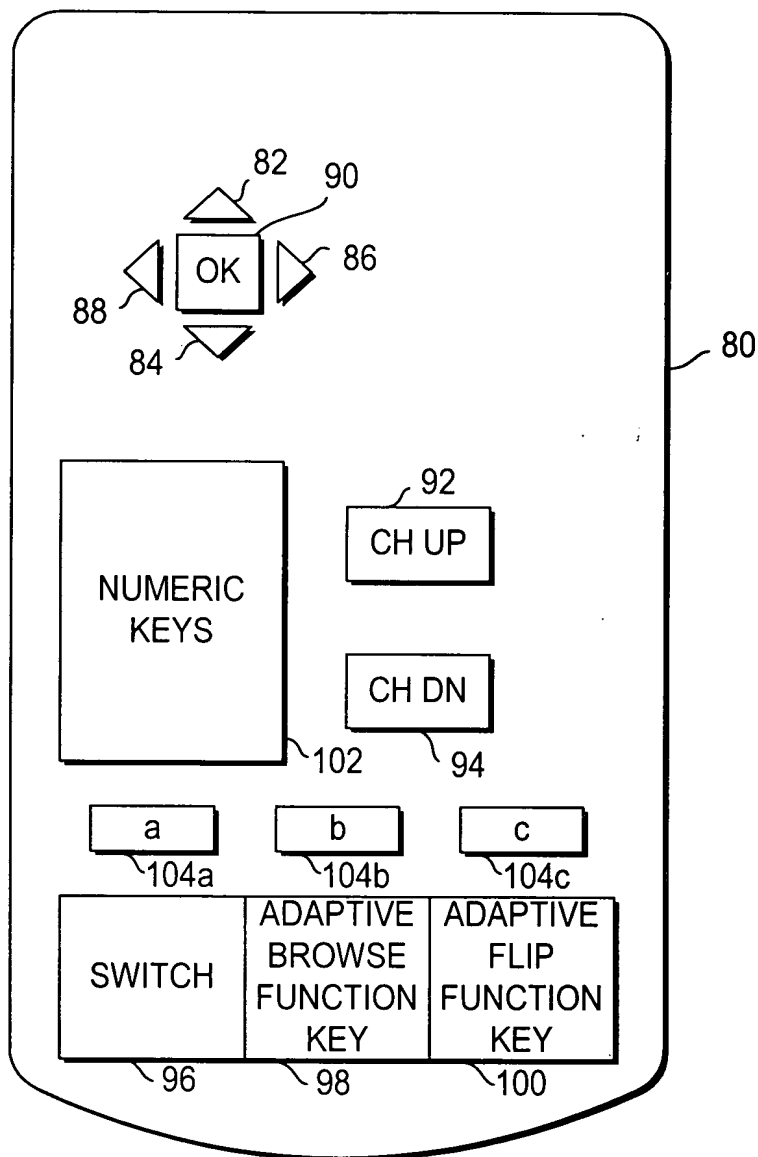
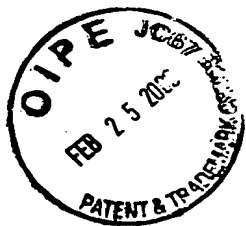
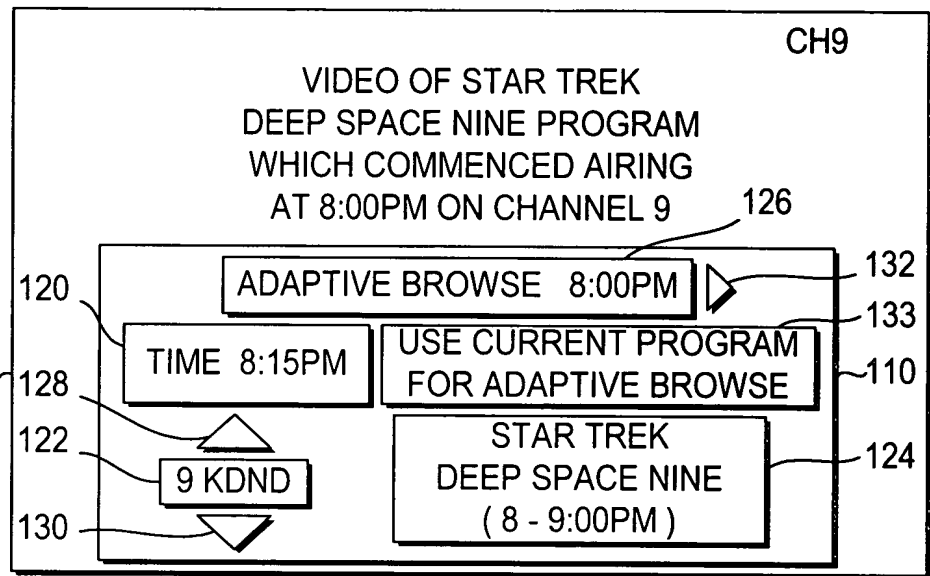


FIG. 2

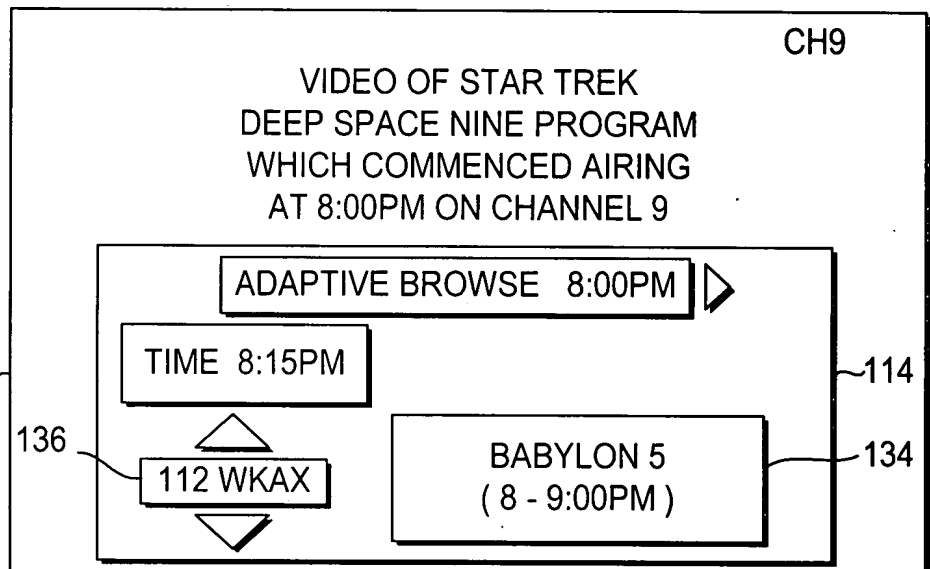


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USER PRESSES  
ADAPTIVE BROWSE  
FUNCTION KEY OF  
REMOTE CONTROL



USER PRESSES UP  
ARROW KEY OF  
REMOTE CONTROL



USER PRESSES "OK"  
KEY OF REMOTE  
CONTROL

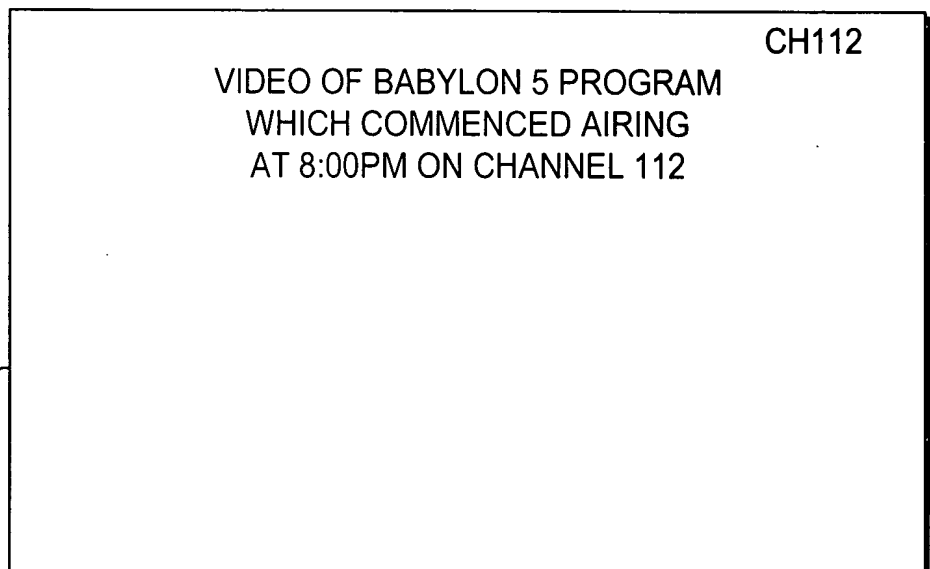
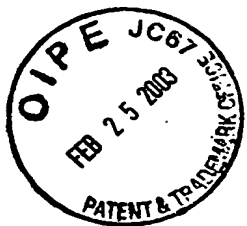
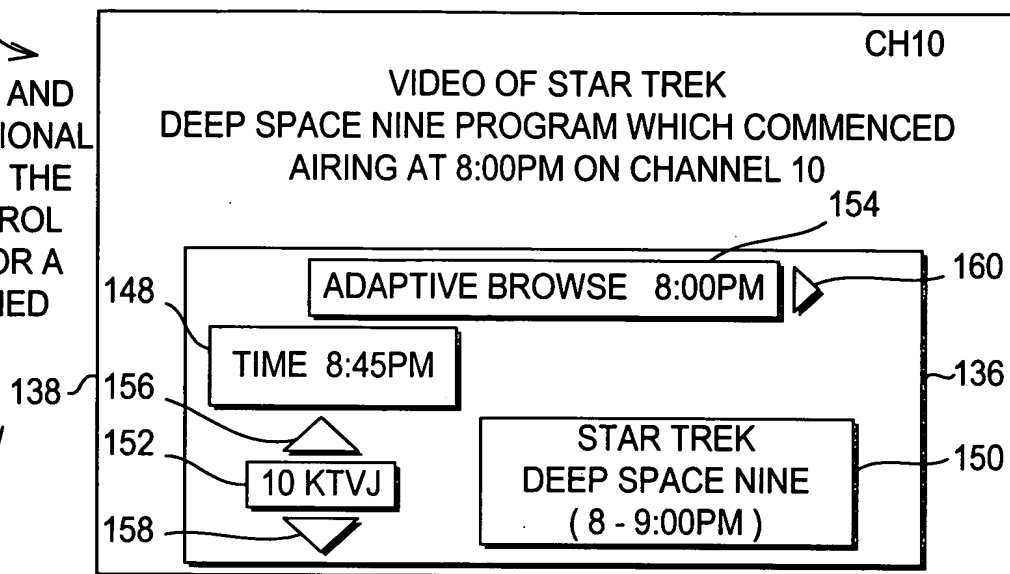


FIG. 3

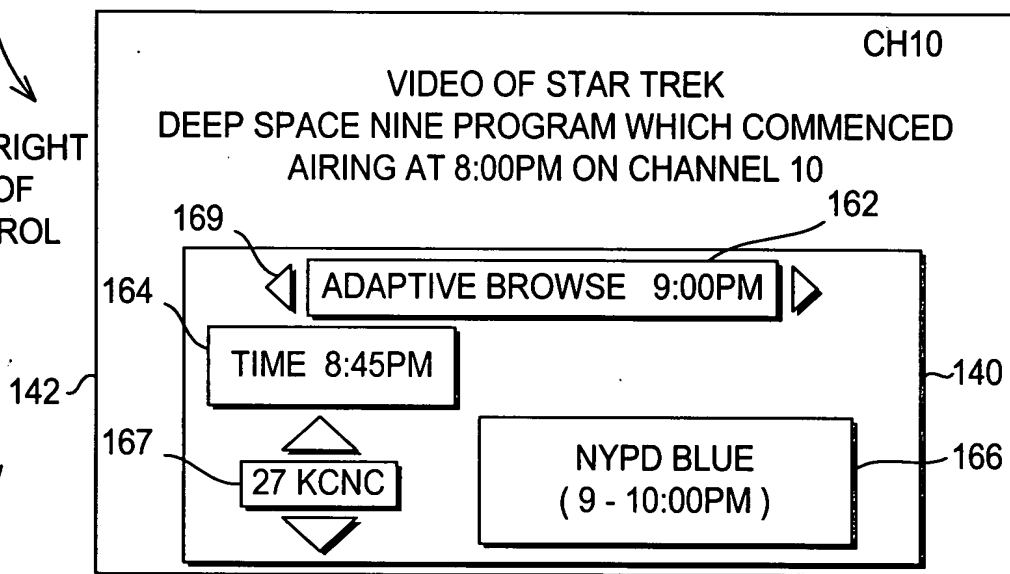


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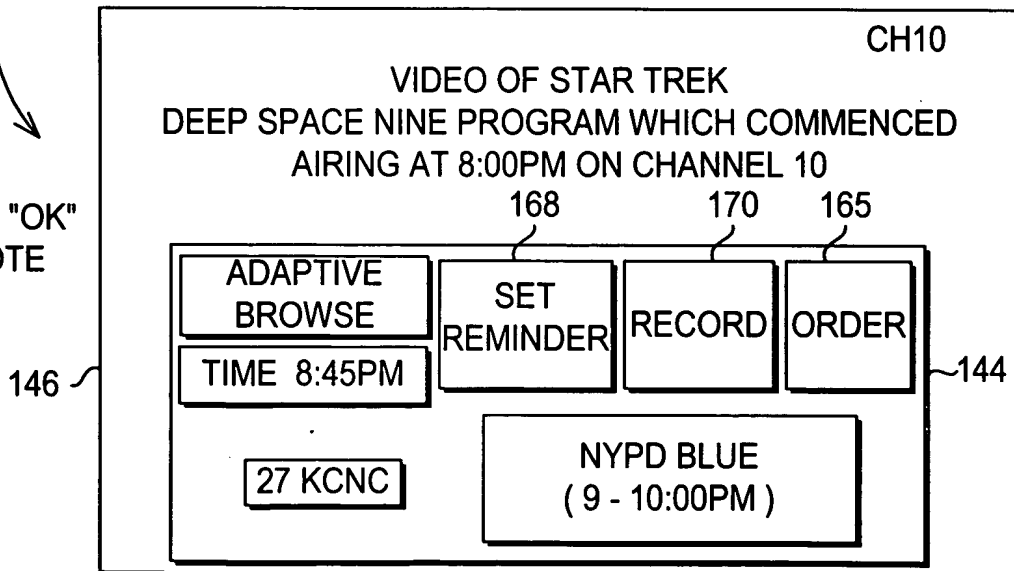
USER PRESSES AND  
HOLDS A DIRECTIONAL  
ARROW KEY OF THE  
REMOTE CONTROL  
DEPRESSED FOR A  
PREDETERMINED  
PERIOD



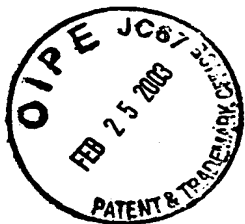
USER PRESSES RIGHT  
ARROW KEY OF  
REMOTE CONTROL



USER PRESSES "OK"  
KEY OF REMOTE  
CONTROL



**FIG. 4**



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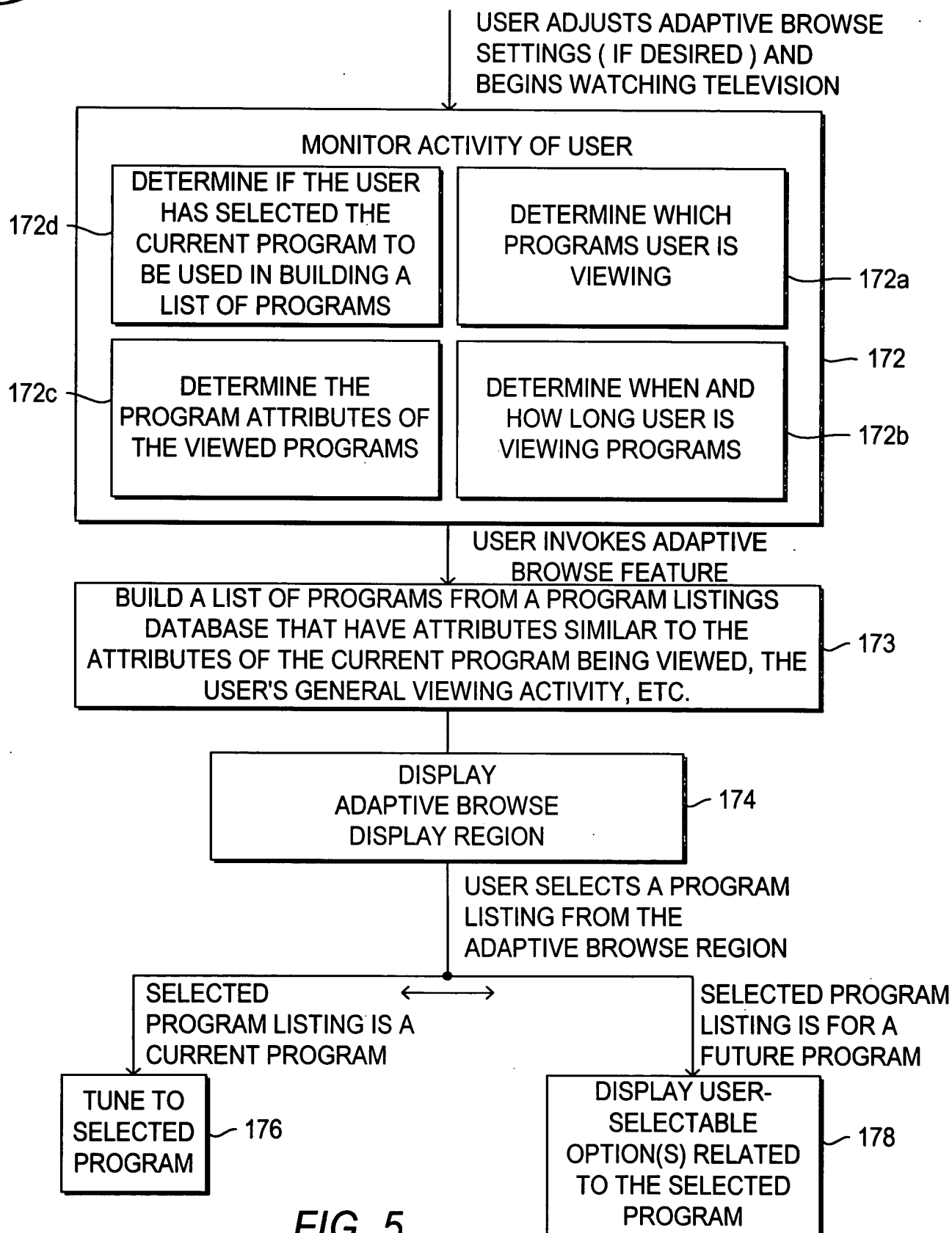


FIG. 5



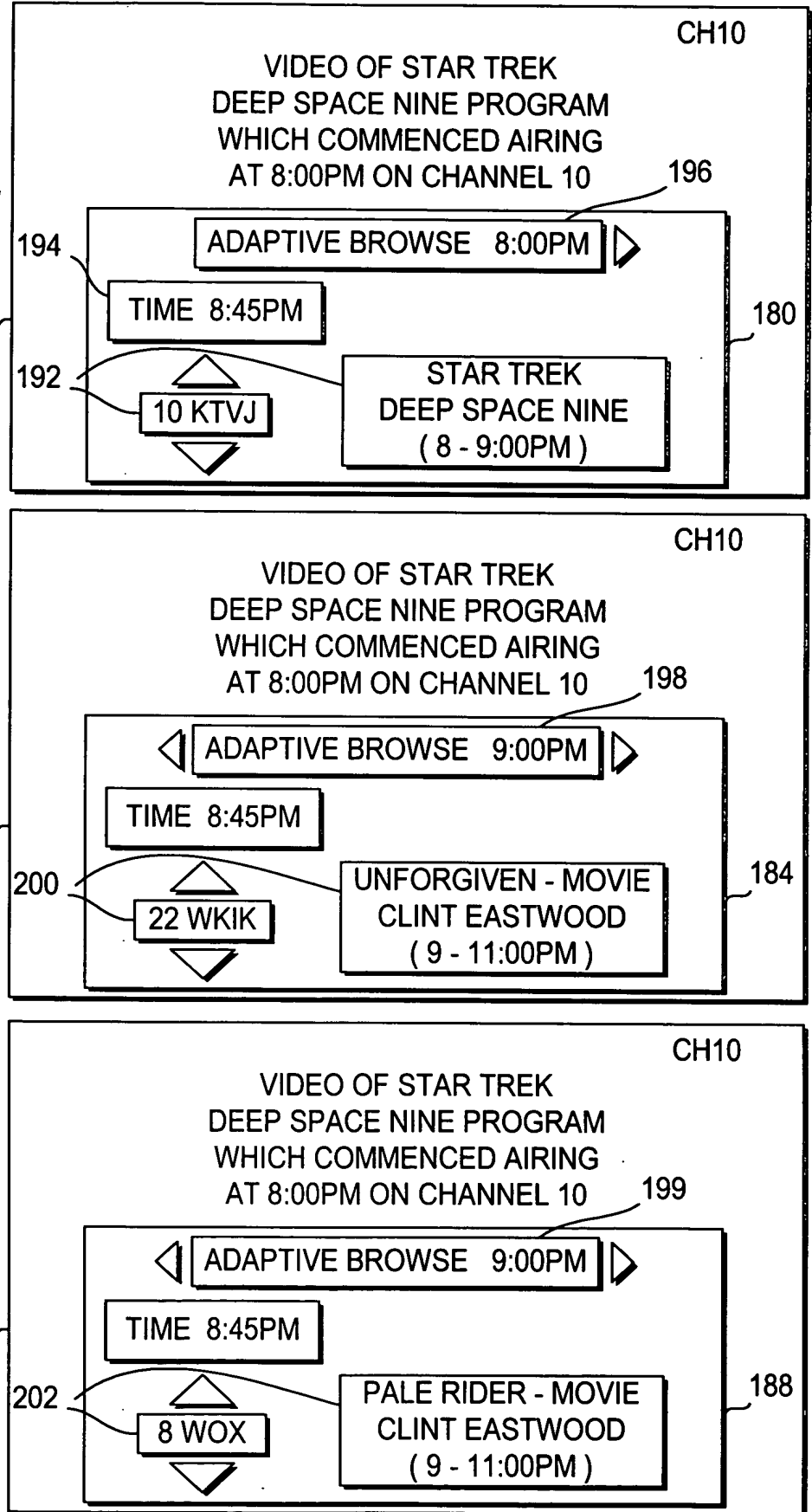
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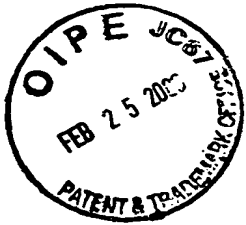
USER PRESSES  
ADAPTIVE BROWSE  
FUNCTION AND  
DIRECTIONAL ARROW  
KEYS OF REMOTE  
CONTROL

USER PRESSES  
ADAPTIVE BROWSE  
FUNCTION AND RIGHT  
ARROW KEY OF  
REMOTE CONTROL

USER PRESSES  
ADAPTIVE BROWSE  
FUNCTION AND DOWN  
ARROW KEY OF  
REMOTE CONTROL

FIG. 6





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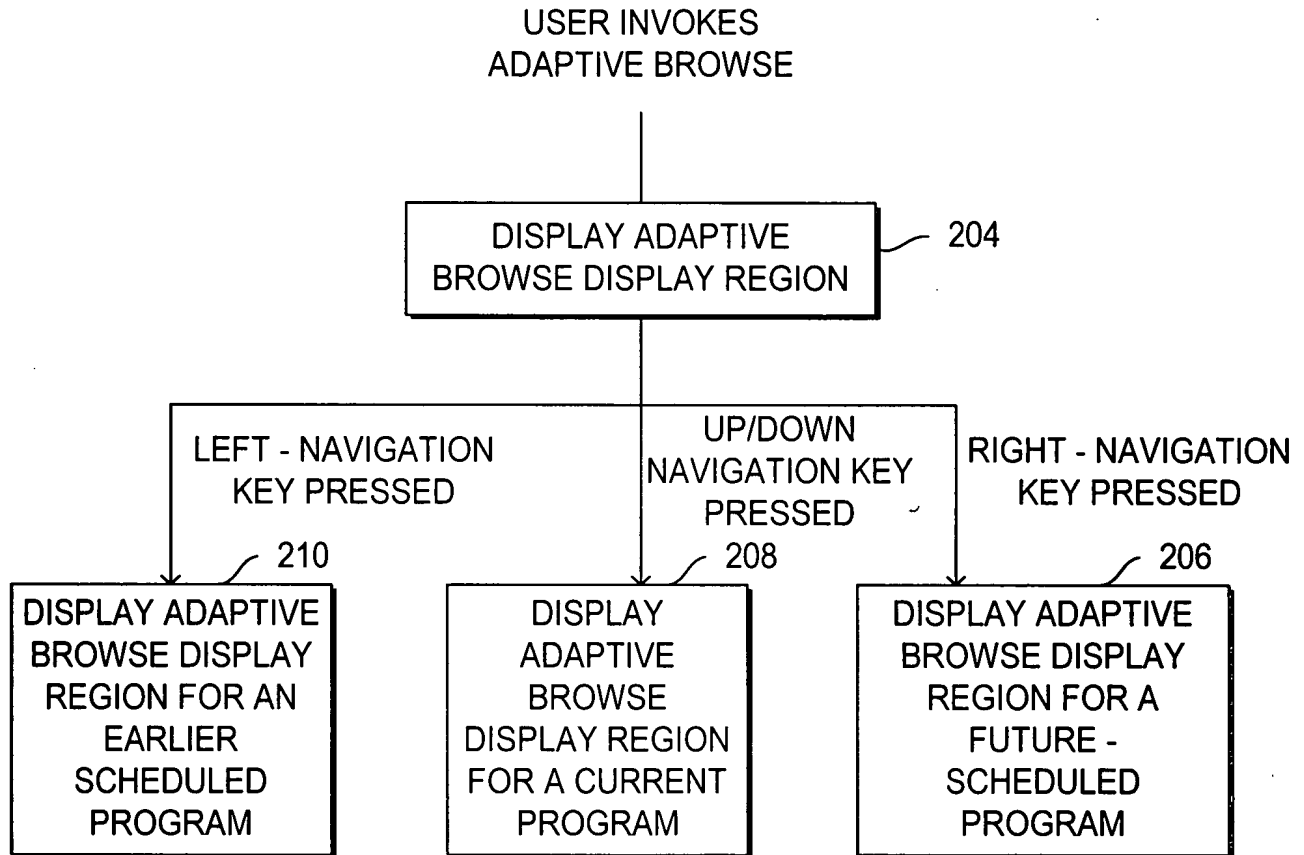
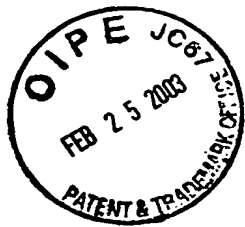


FIG. 7





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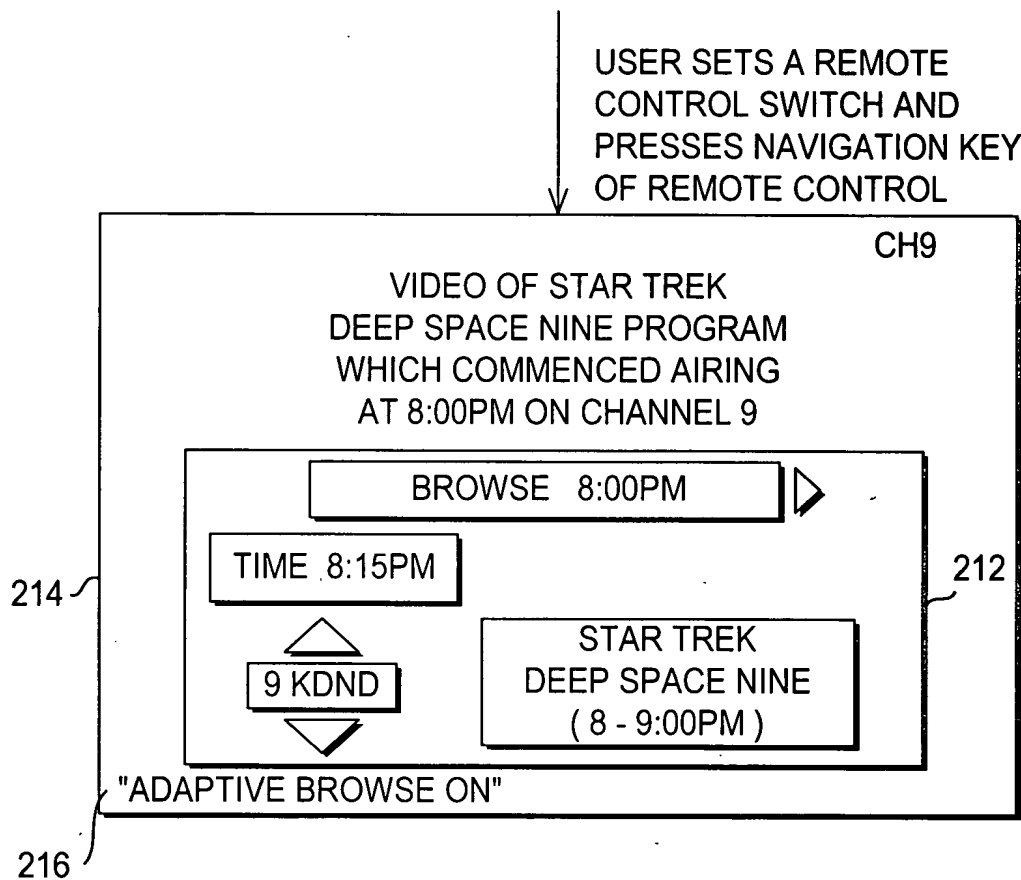
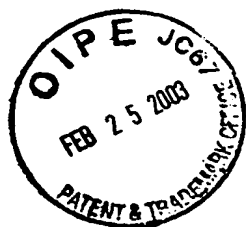


FIG. 8



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USER PRESSES ADAPTIVE  
BROWSE FUNCTION KEY AND A  
NAVIGATION KEY OF REMOTE  
CONTROL IN SEQUENCE

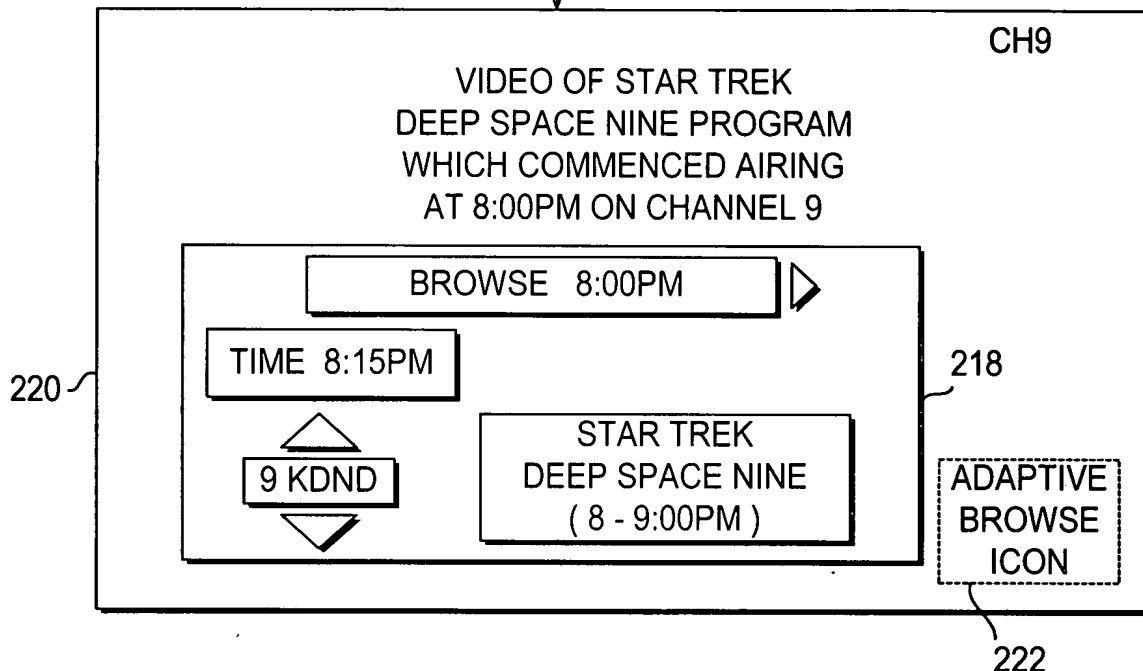
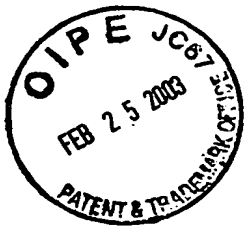


FIG. 9



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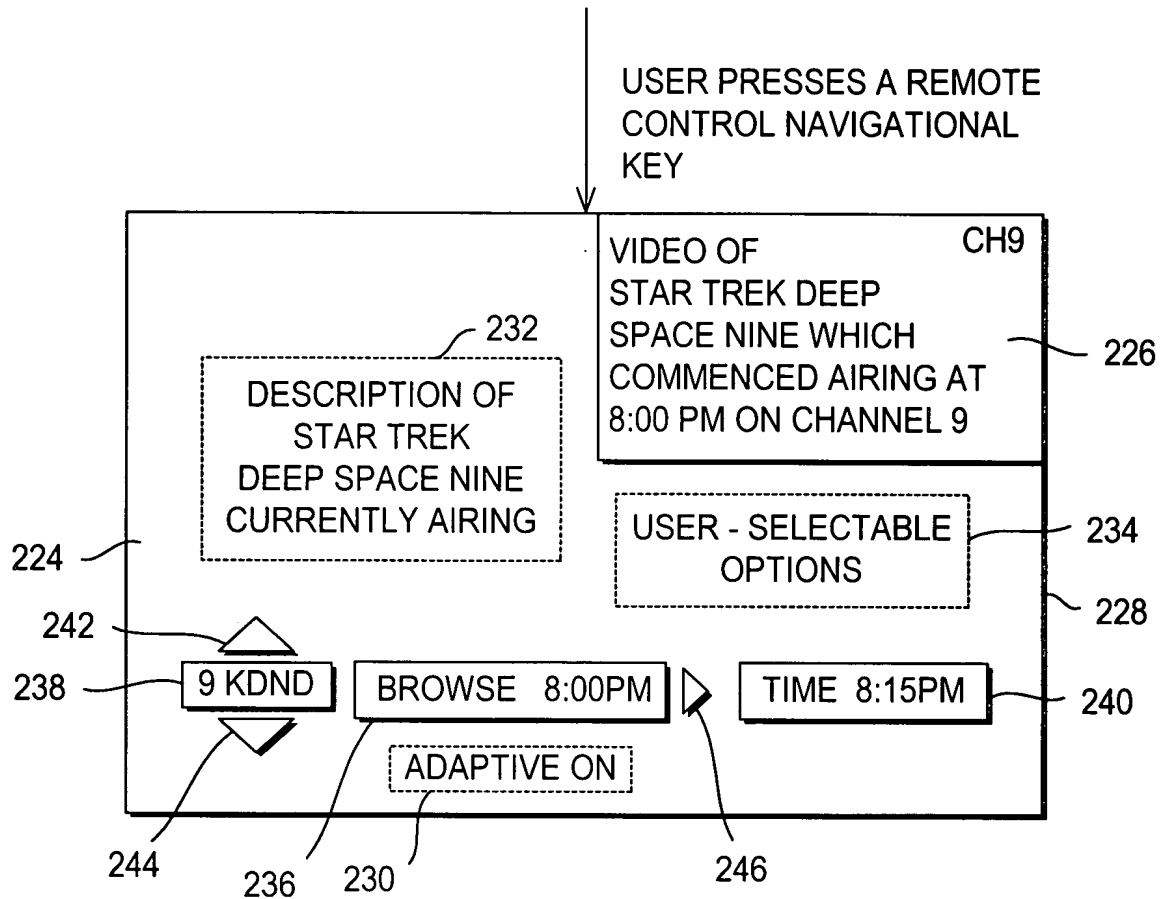
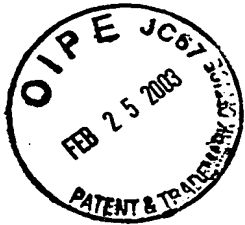


FIG. 10



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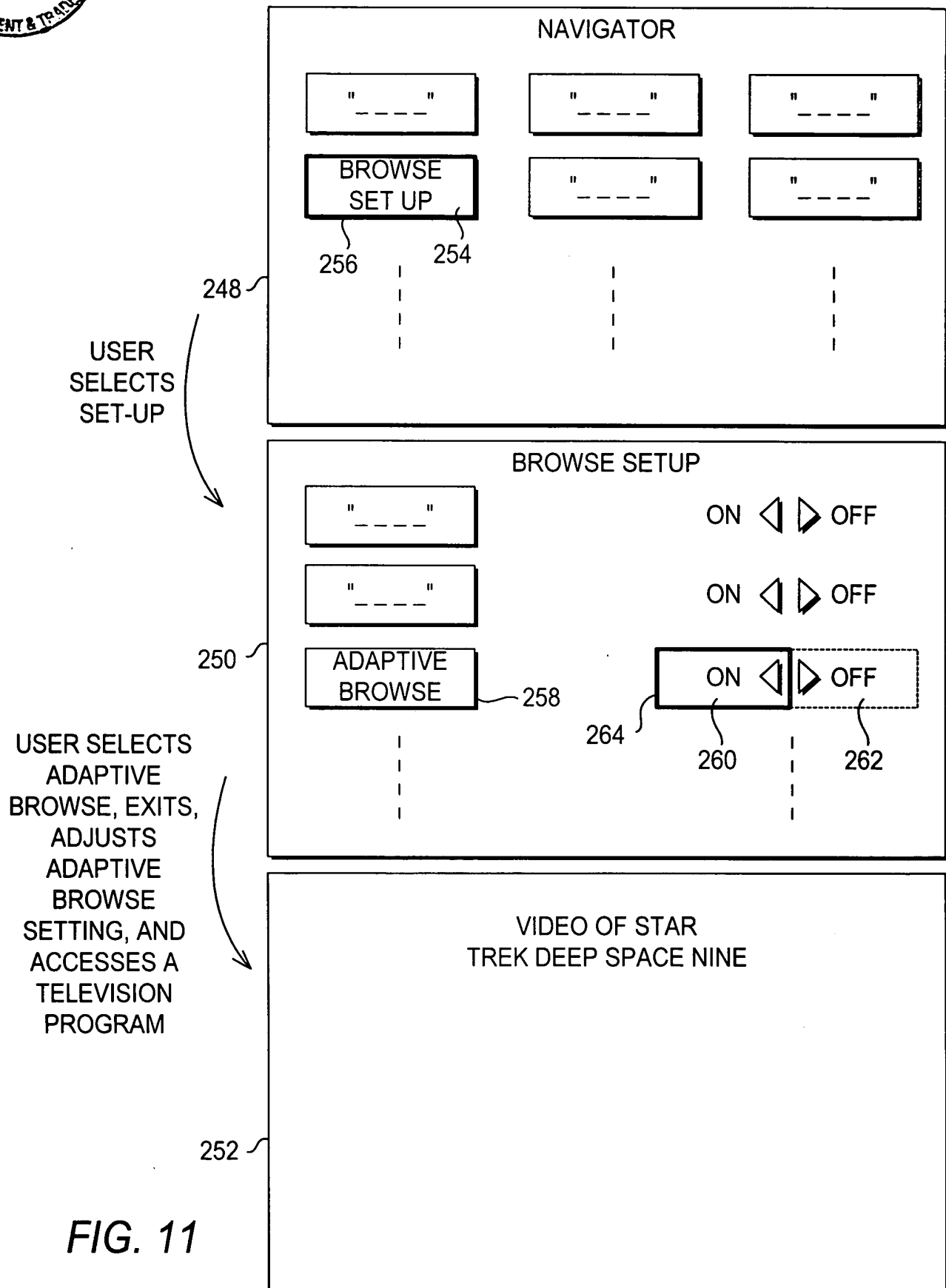
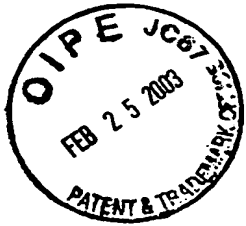
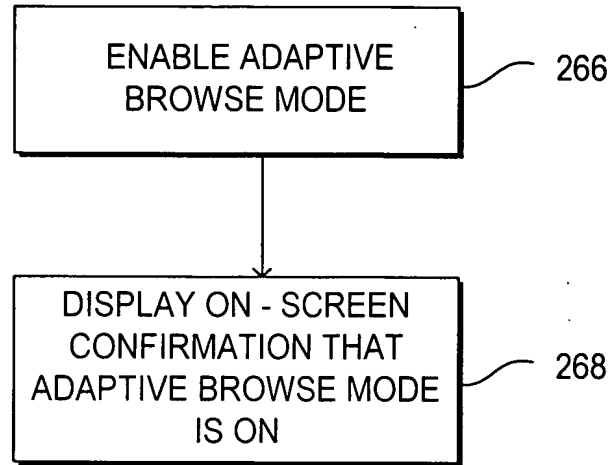


FIG. 11

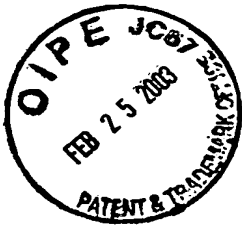


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SEARCHING  
Agent : Alexander Shvarts Regn. No. 47,943 Sheet 12 of 30  
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*FIG. 12*



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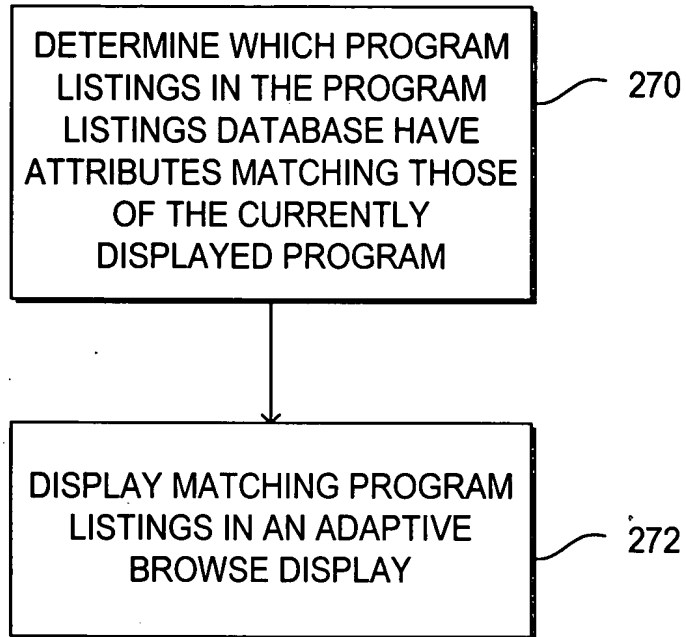
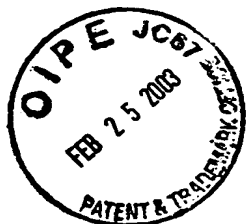


FIG. 13



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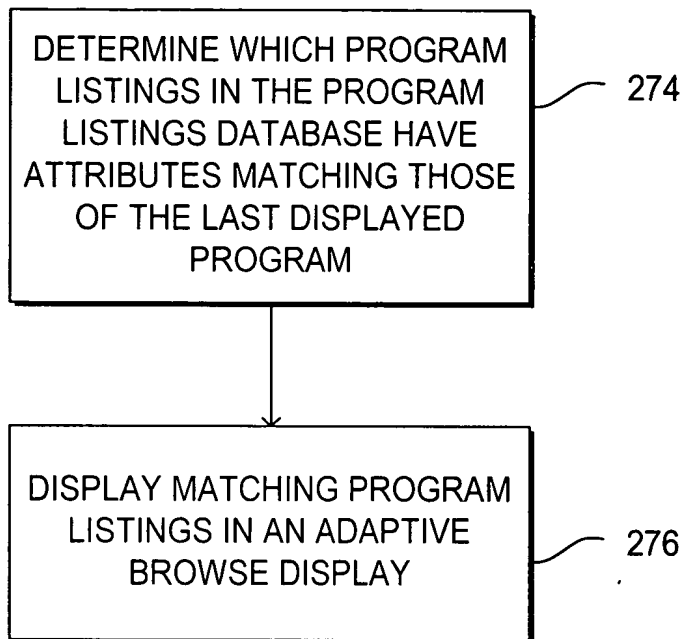
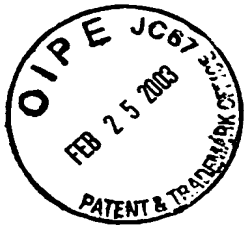


FIG. 14



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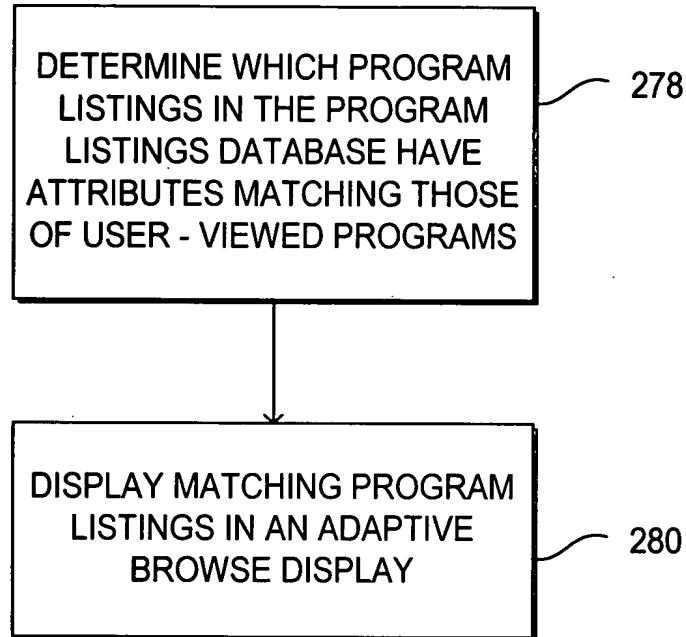


FIG. 15



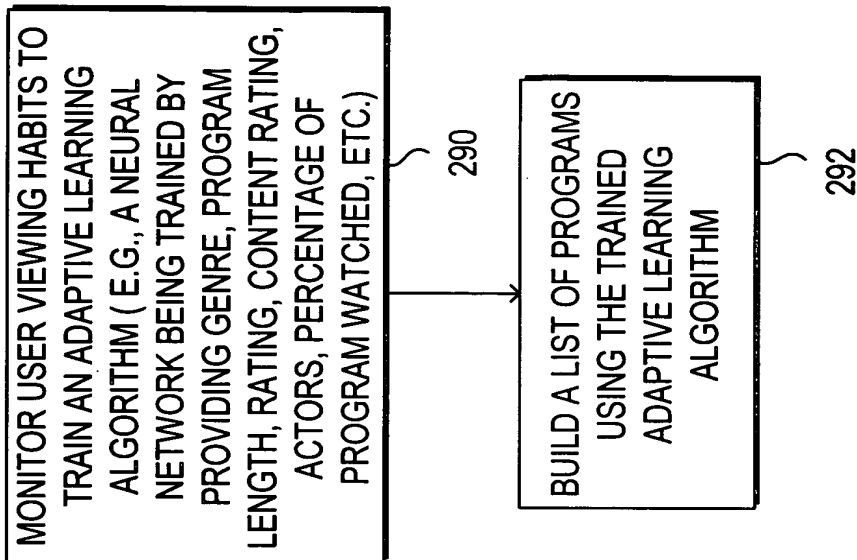
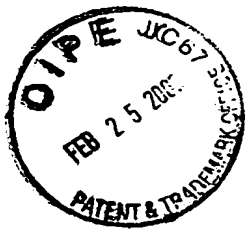


FIG. 16c

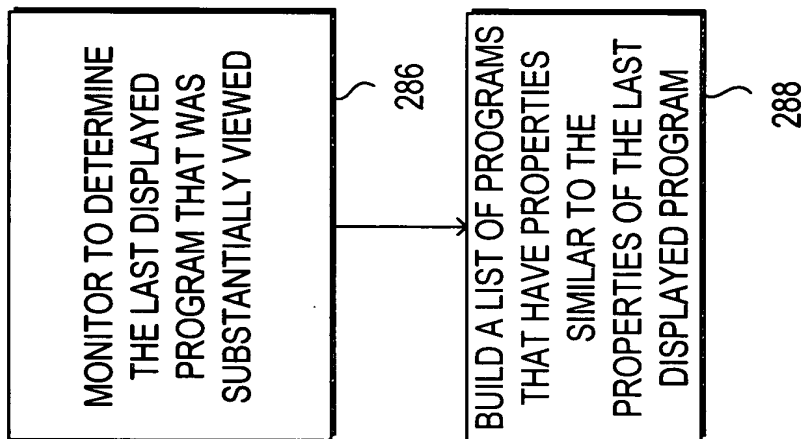


FIG. 16b

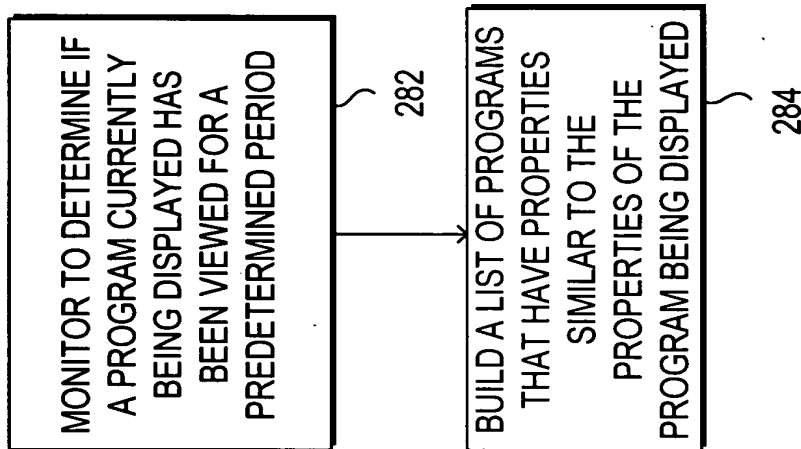
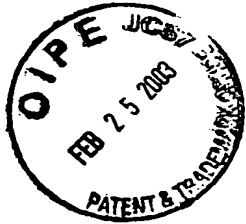


FIG. 16a



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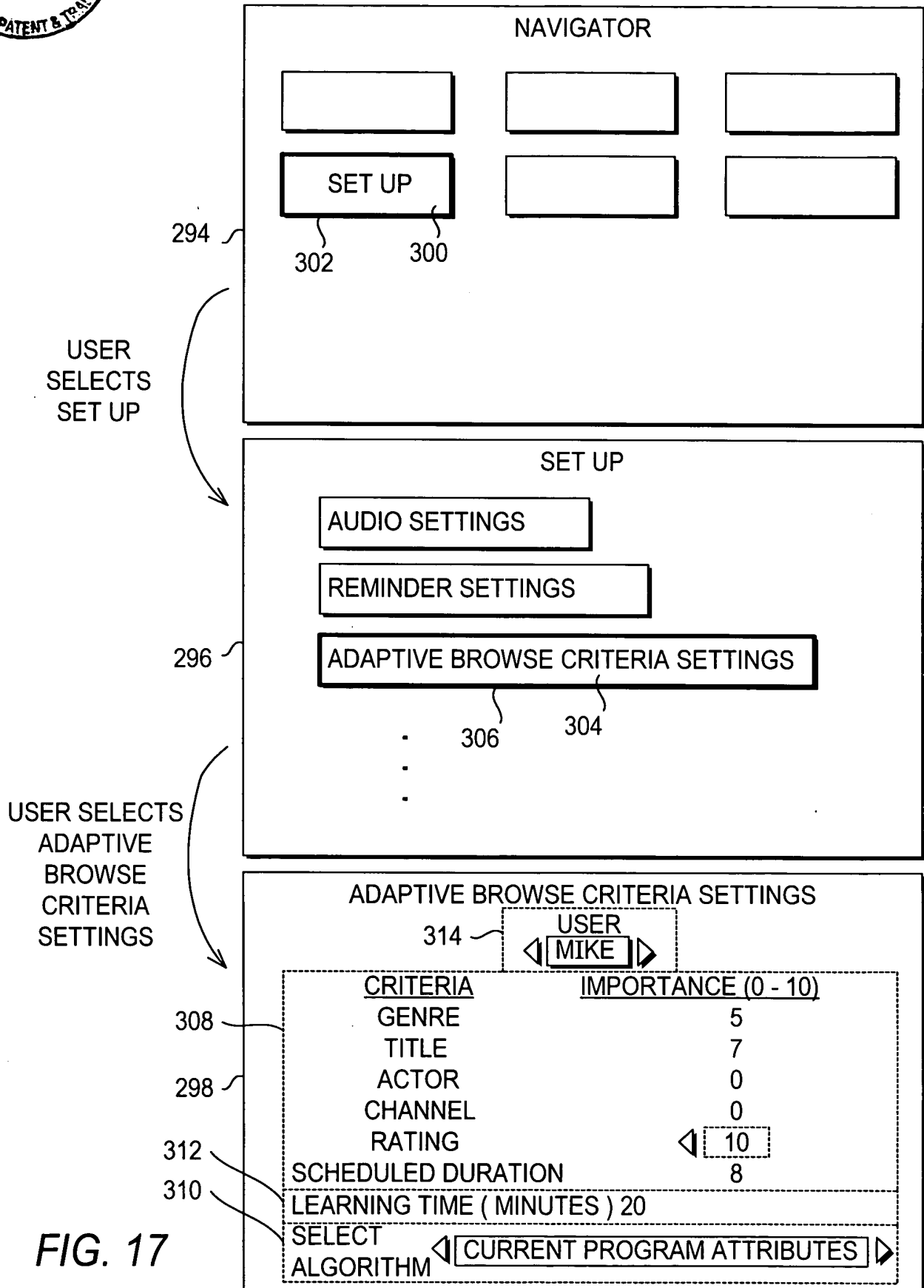
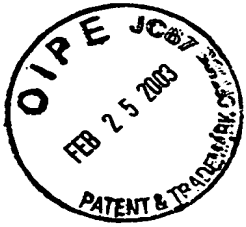
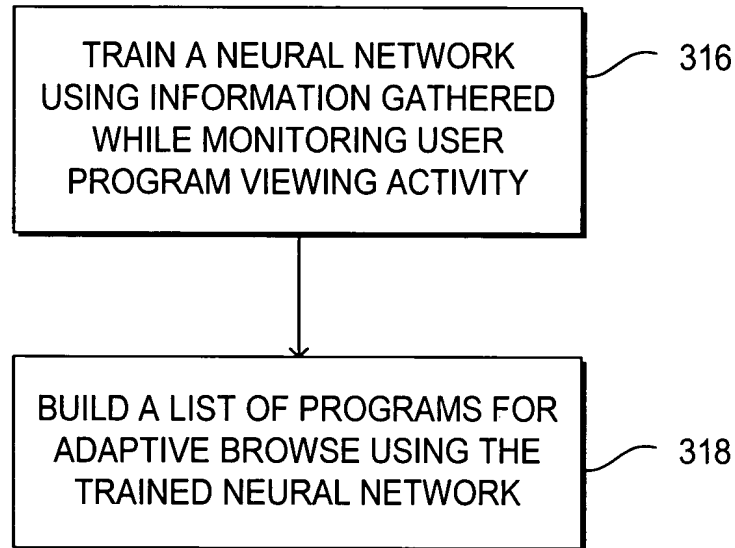


FIG. 17

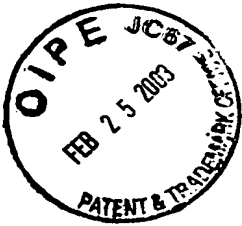


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Agent : Alexander Shvarts Regn. No. 47,943 Sheet 18 of 30  
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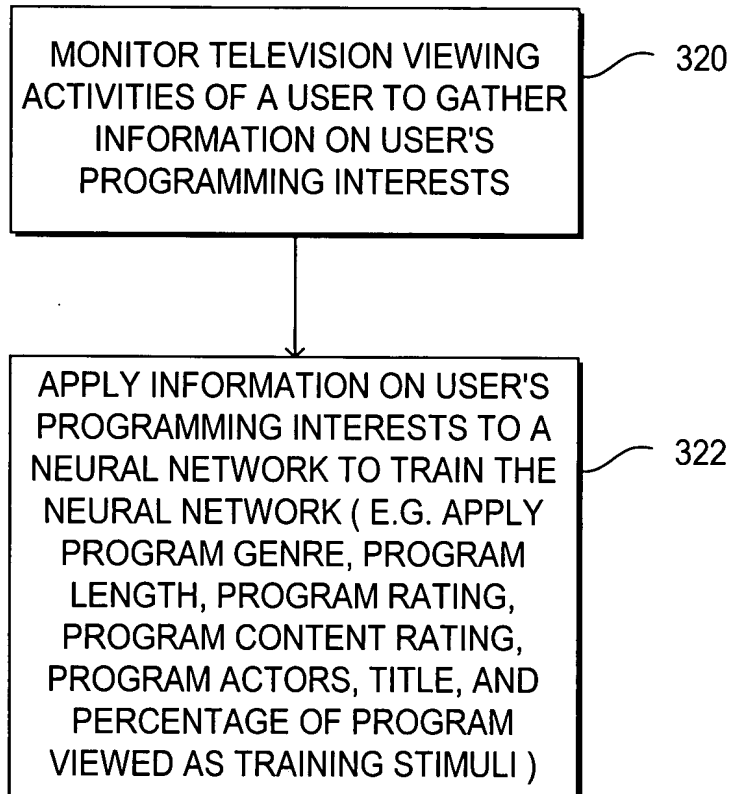
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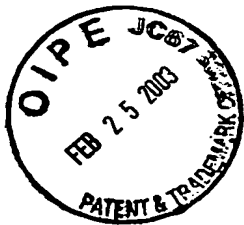
*FIG. 18*



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**FIG. 19**



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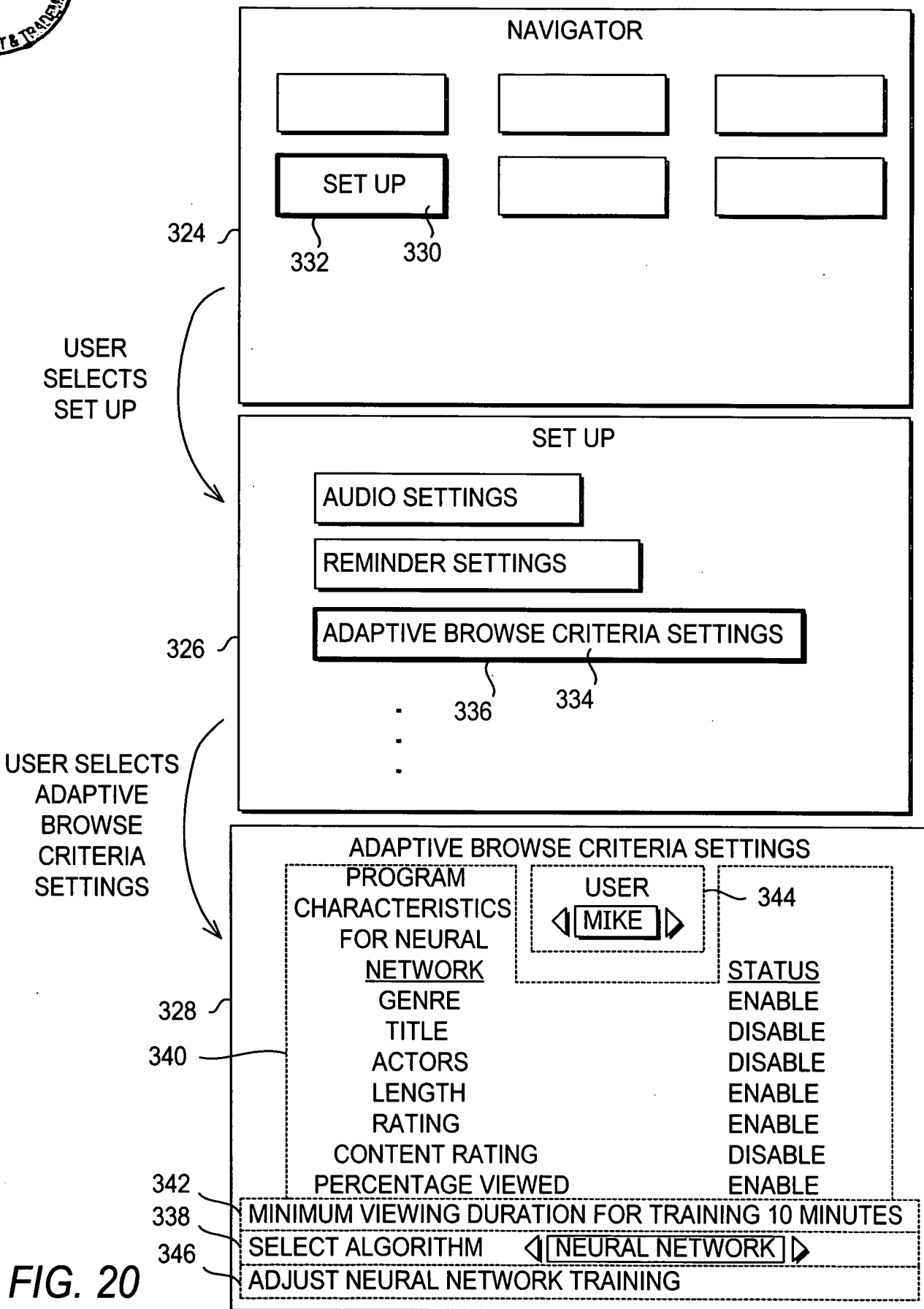
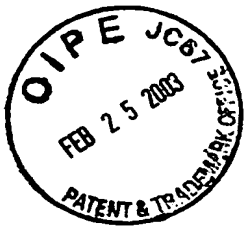


FIG. 20



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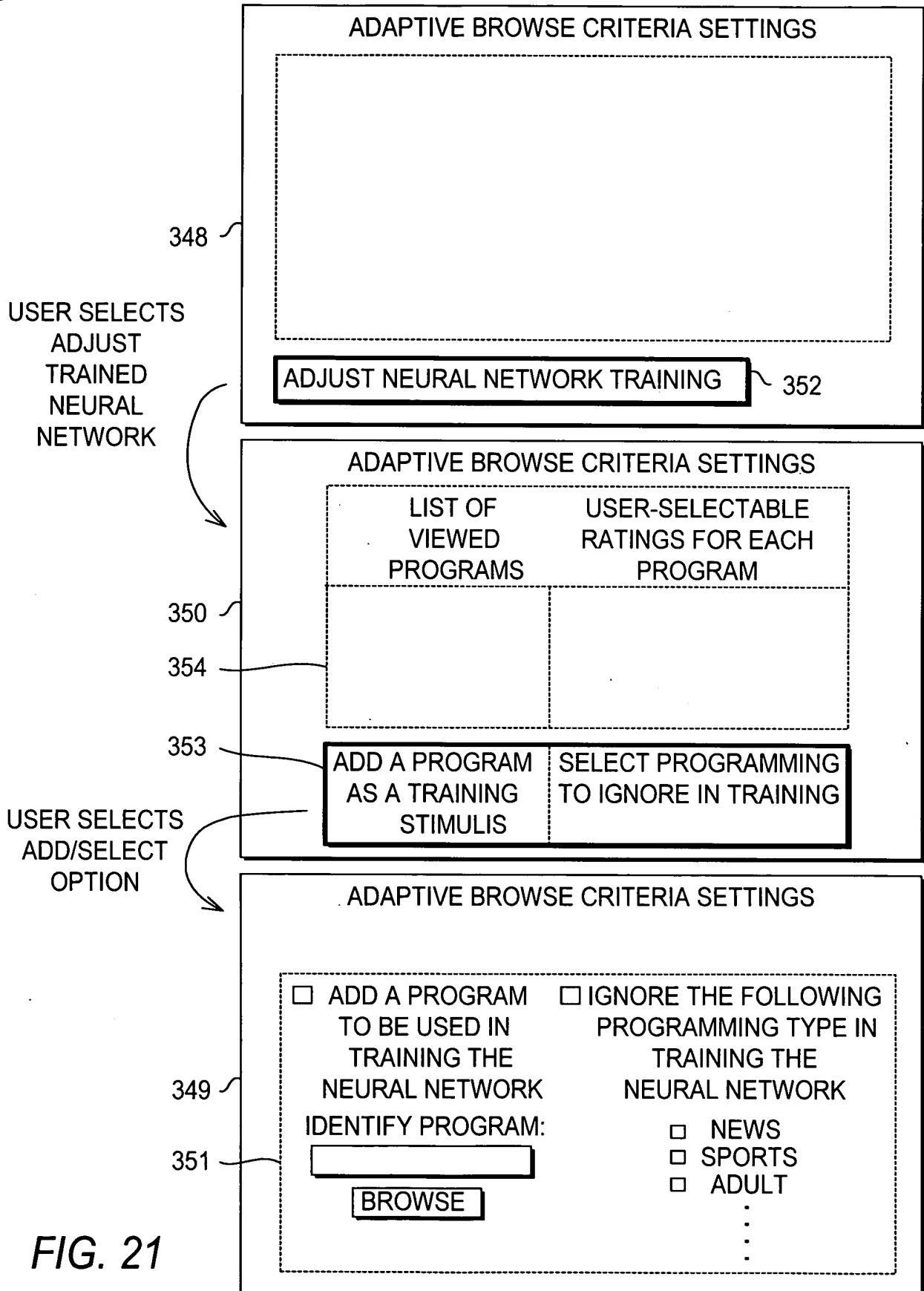
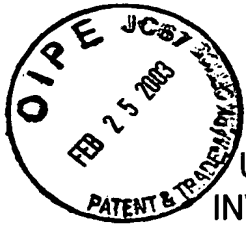


FIG. 21

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USER  
INVOKES  
ADAPTIVE  
FLIP

USER  
PRESSES UP  
CHANNEL KEY

USER  
PRESSES UP  
CHANNEL KEY

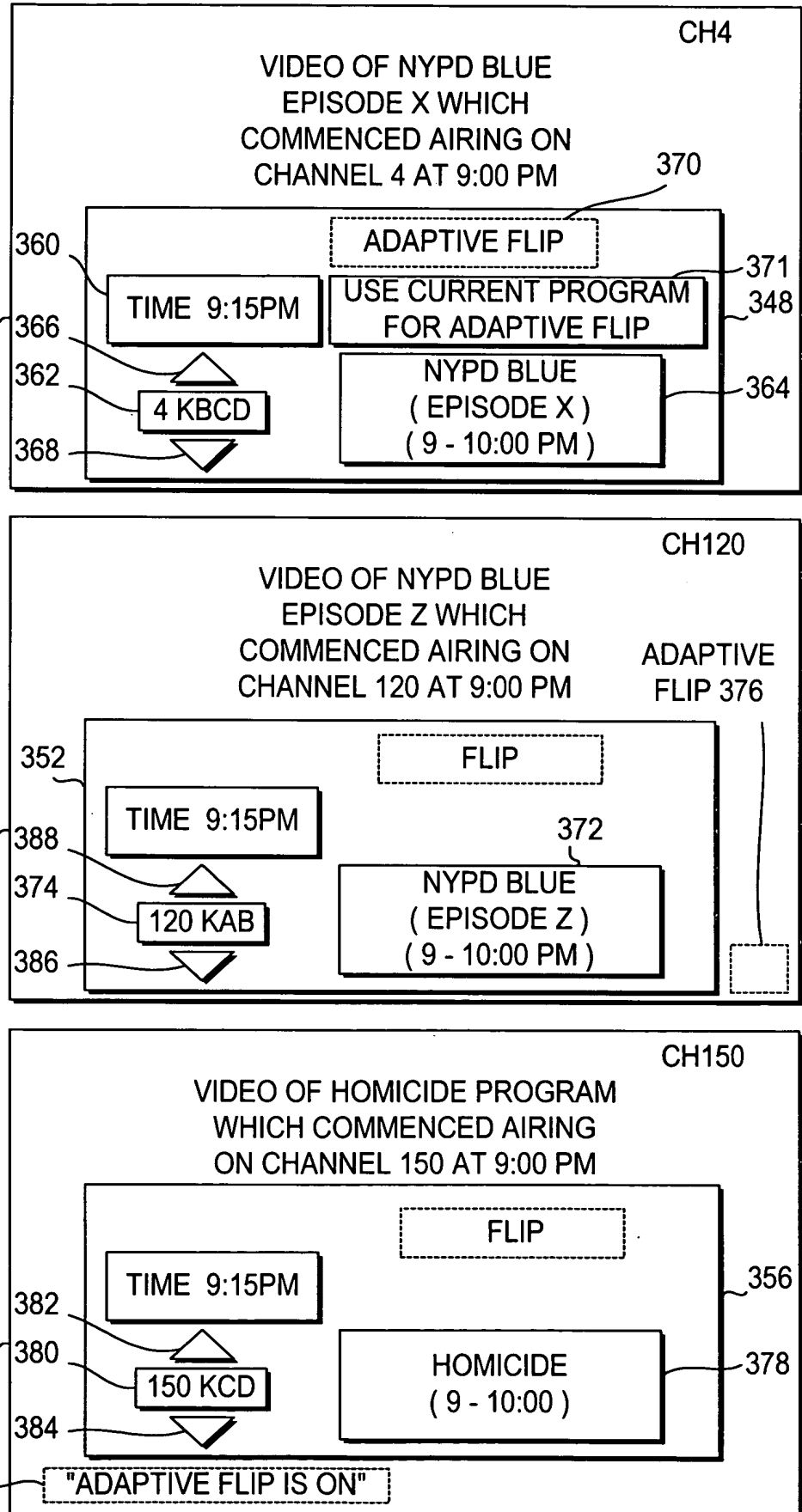
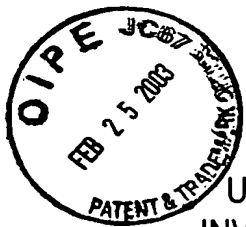


FIG. 22



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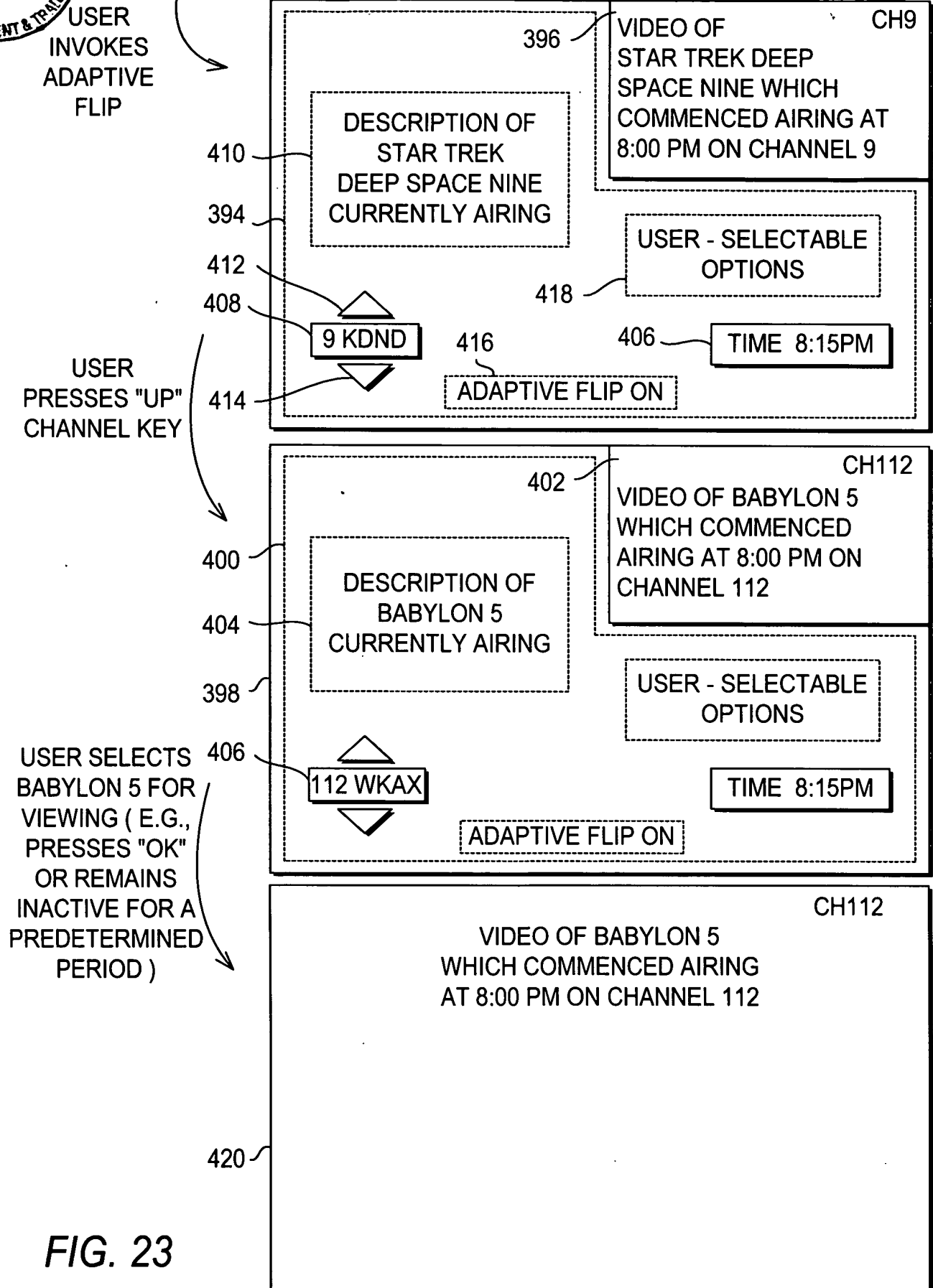
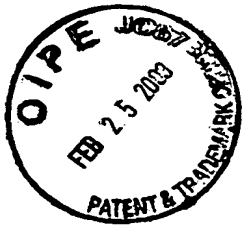


FIG. 23





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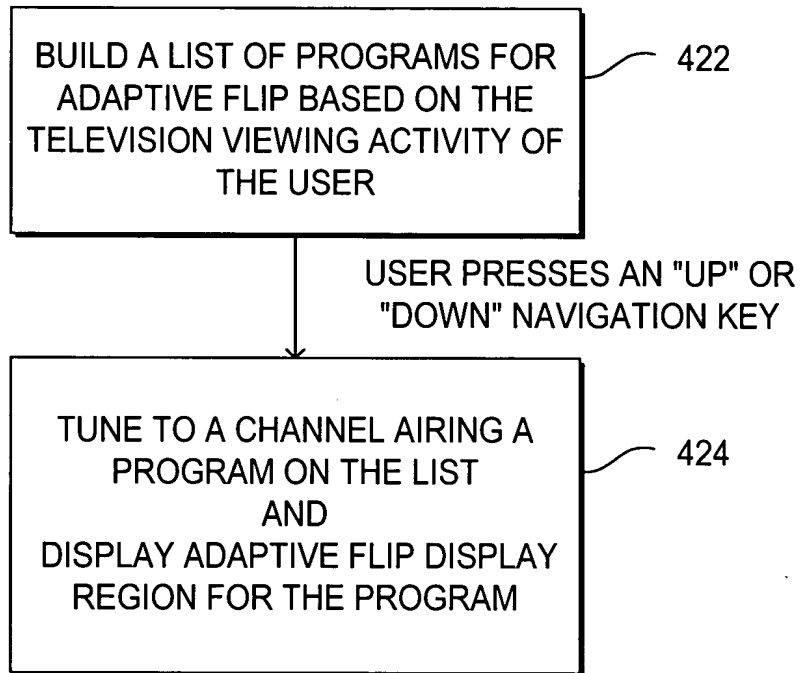
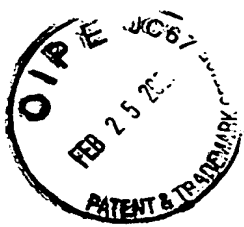


FIG. 24



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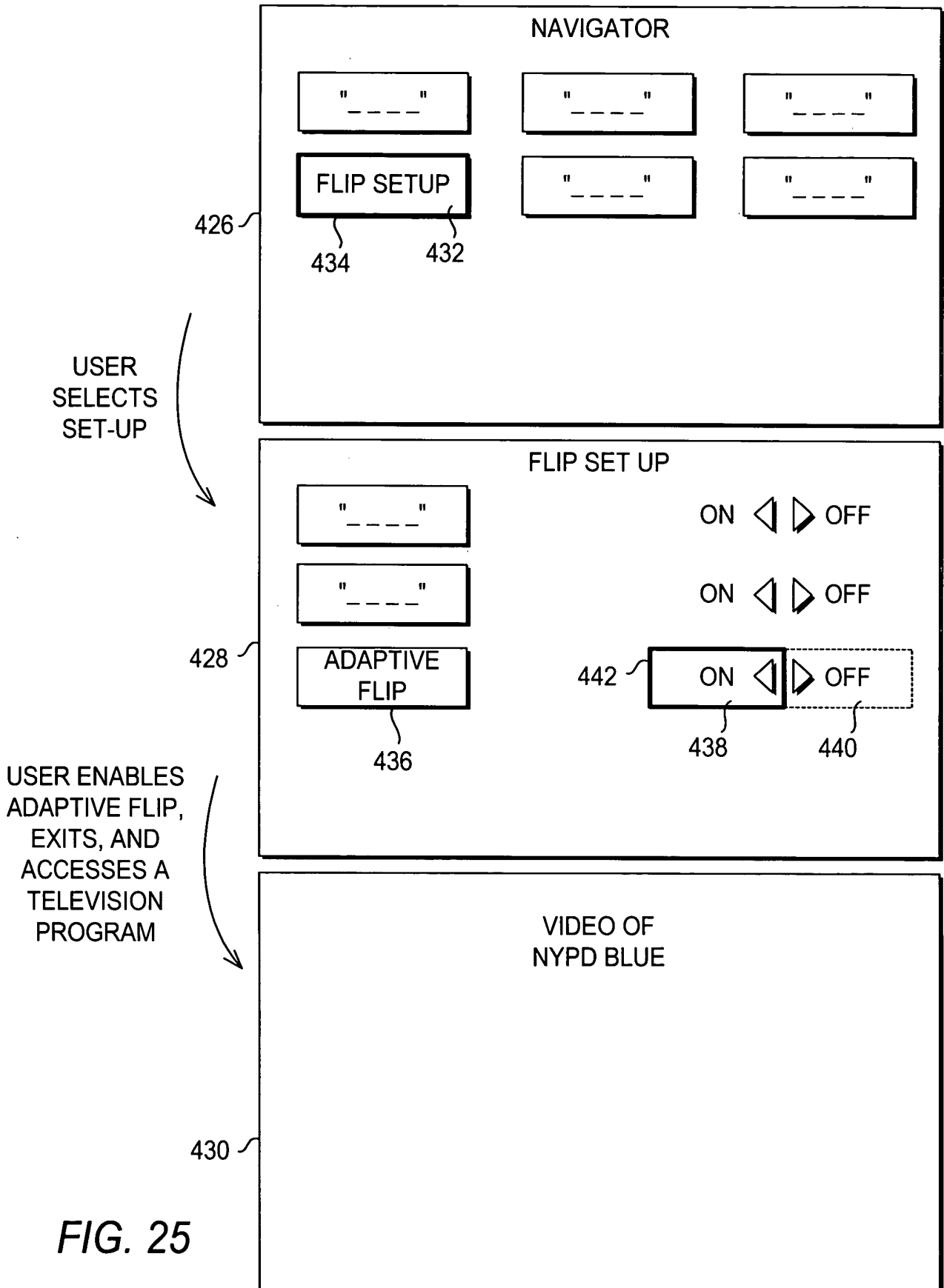


FIG. 25



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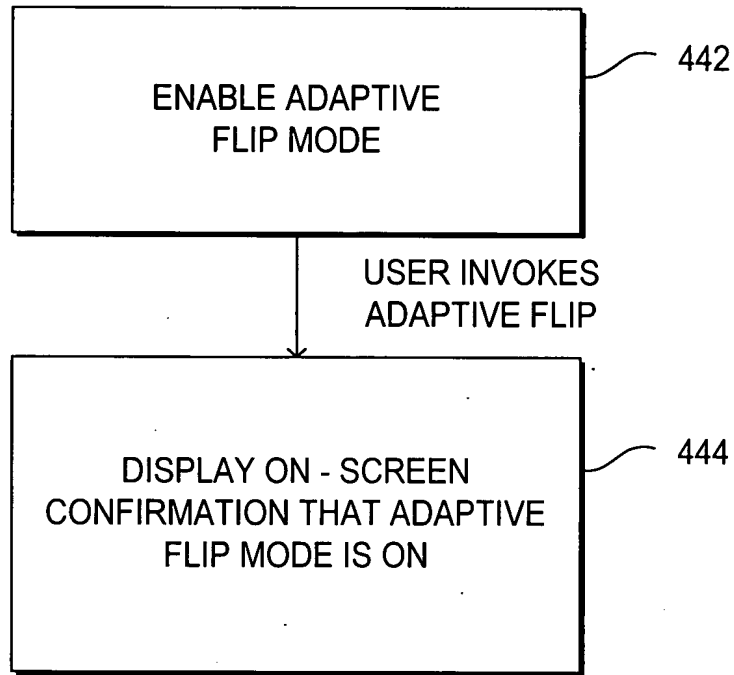


FIG. 26

448

454

450

456

452

**FIG. 27**

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\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

--

## AUDIO SETTINGS

## REMINDER SETTINGS

## ADAPTIVE FLIP CRITERIA SETTINGS

•  
•  
•

## 458

USER

◀ MIKE ▶

IMPORTANCE (0 - 10)

## GENRE

5

TITLE

7

ACTOR

0

CHANNEL

0

## RATING

10

### SCHEDULED DURATION

8

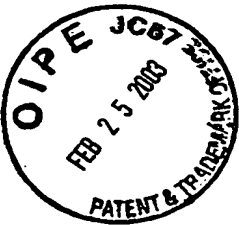
8

LEARNING TIME ( MINUTES ) 10

SELECT

## ALGORITHM

## ◀ LAST PROGRAM ATTRIBUTES ▶



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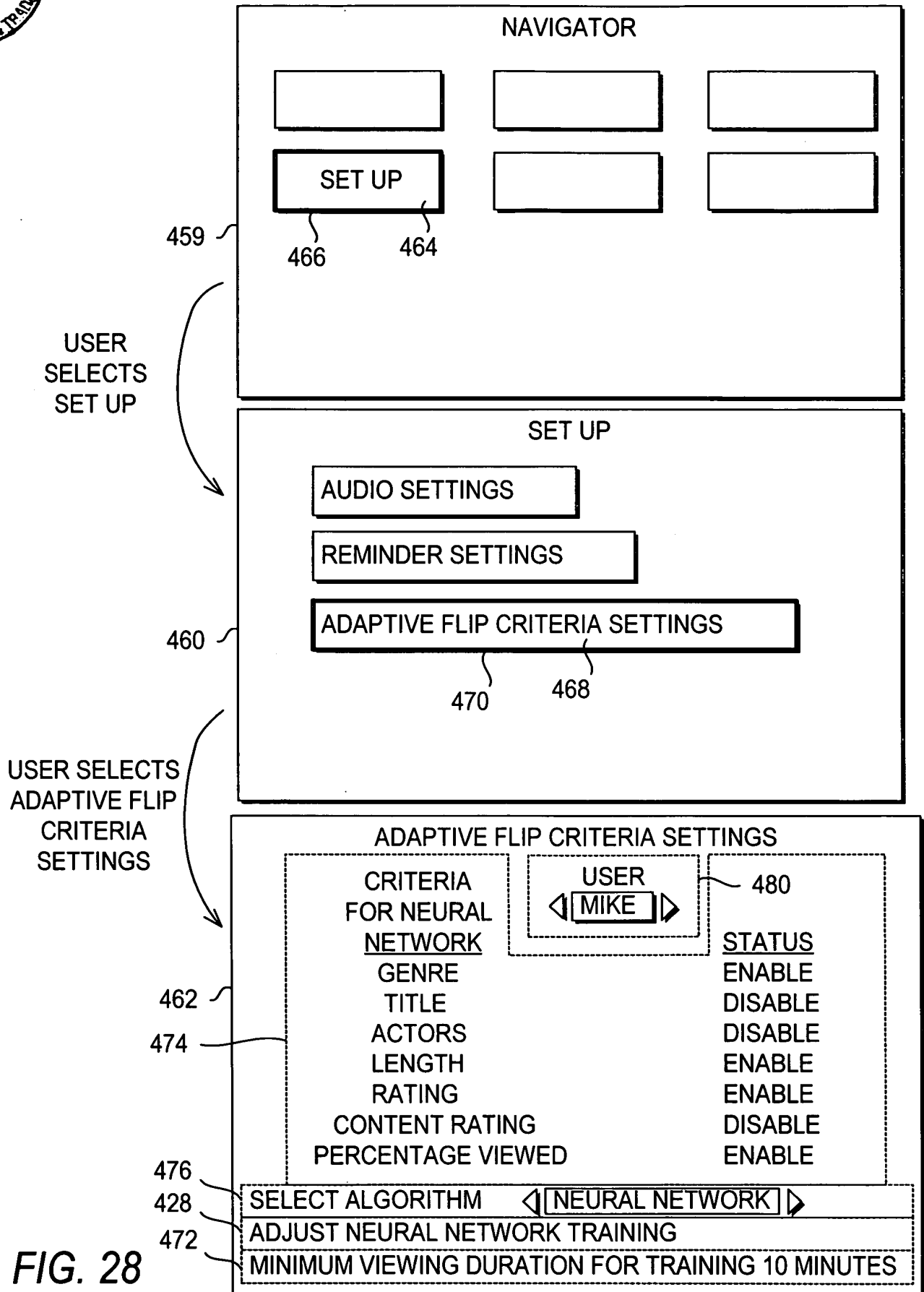
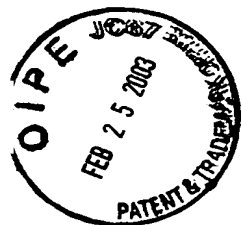


FIG. 28



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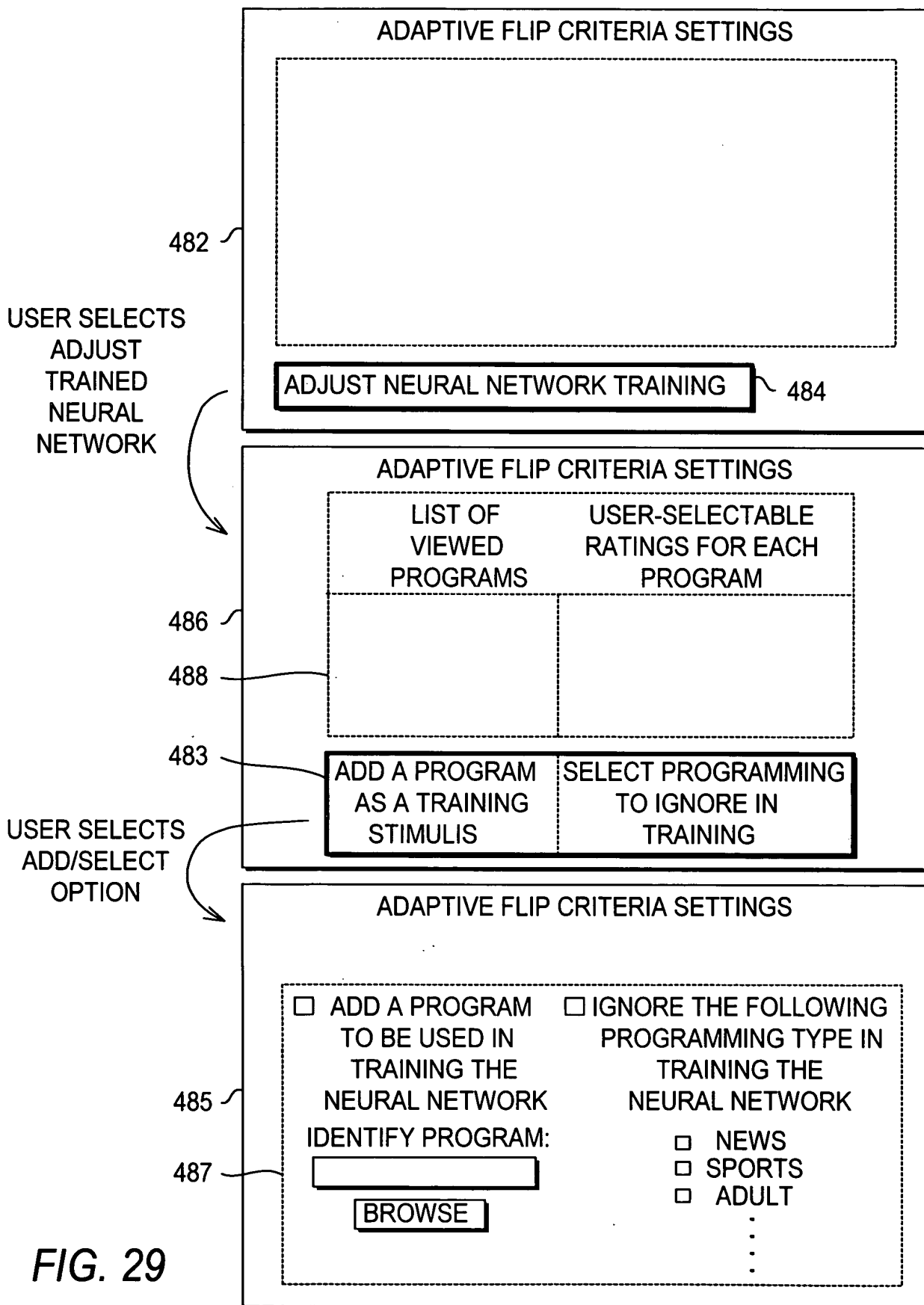
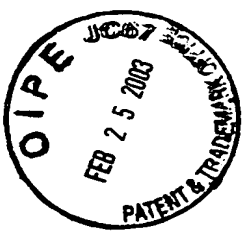


FIG. 29



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